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ABSTRACT

Results of surveys completed by students in grades six and nine in the Springfield (Massachusetts) public school system are reported for 1990 through 1995. The report is based on an analysis of responses within user-defined categories of drug use, alcohol use, and nonuse. In 1995, while 72 percent of those in grade 6 responded, only 26 percent of those in grade 9 responded to the survey, continuing a serious decline in responding from the high in 1990 of 82 percent of ninth graders. Sample sizes varied throughout the period, ranging from a low of 453 ninth graders in 1995 to a high of 1,419 sixth graders in 1990. The 1995 sixth-grade sample consisted of 1,291 students. The most definite trend revealed by the surveys is the increased awareness among students of drug activity in schools and neighborhoods. There have always been a few drug users in grade 6 (30 in 1995), but the numbers have remained too small to analyze. In 1990 only 14 percent of ninth graders reported using drugs and alcohol, and in 1995, 22 percent reported such use. Almost one fifth of those who report using drugs drink every day, and all drug users report using alcohol. Marijuana was the most frequently used drug, and its use was increasing. Eight tables present findings about drug and alcohol use by grade. (SLD)

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ED 383 796

DRUG AND ALCOHOL USE SURVEY RESULTS

1990-1995

Prepared by

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April, 1995

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Drug and Alcohol Use Survey Results: 1990-95

The 1989-90 survey was the first survey to use a transoptic form to survey students in Grades 6 and 9 as to their use of drugs and alcohol so as to provide a timely and accurate report of student responses. There were three previous administrations of a Drug and Alcohol Survey that were accomplished using a paper form. The results are available in Drug and Alcohol Use Survey Results: 1987-93.

The survey was revised for 1994, and was administered late in the Spring rather than at the traditional time in January in order to accommodate an evaluation of a drug prevention program being performed by researchers at the University of Massachusetts under the direction of Dr. Rita Hindin. The 1994 results were analyzed at the university and results published in cooperation with the Springfield Community Partnership & Prevention Alliance (SCPPA) 1414 State Street, Springfield, MA 01109. The traditional results from that survey were incorporated into this report.

This report is based on an analysis of responses within user defined categories (drug, alcohol, non). Table 1 shows the responses of those Grade 9 students who reported using both drugs and alcohol. While there have always been a few Grade 6 drug users (12 in 1993, 30 in 1995), there traditionally have been too few to analyze. Tables 2 and 3 report the responses of students in Grades 6 and 9 respectively who admit to alcohol use, and Tables 4 and 5 depict the responses of Grade 6 and 9 students respectively who indicate that they do not use either drugs or alcohol. These tables are used to show trends in student responses.

Tables 1 through 5 show the changes or trends in all of the variables by categories. Tables 6 and 7 show the percentages from only 1995 and allow a comparison among the five response categories. These tables represent the status of variables that can be compared across categories. In general, students seem less willing to respond, are more aware of drug activity, and users reflect a poorer self image than in the past.

TRENDS

This year, while 72% of those in Grade 6 responded to the survey, only 26% of those in Grade 9 responded to the survey. This continues a serious decline in responding from a high in 1990 of 82% of ninth graders. In 1995, three quarters of all ninth graders did NOT respond to the survey calling the validity of the results at that grade level into question. Someone needs to take charge of seeing to it that the survey is administered in the ninth grade. In years past the Substance Abuse Prevention Specialist gave the survey; that position no longer is funded.

Table 1, those admitting to using drugs, shows that the percentage of white students was lower than the general average of 30%, while Black respondents were higher than the general average of 30%. This was also true for Grade 6 alcohol users. The percent of Hispanic respondents was close to the general average of 38% on all tables. An examination of race of all reported users on Table 6 indicates that it may be the white students that are not responding to the survey.

While the number of non-users reporting being "Good Student" is higher than those reporting drug or alcohol use, the percent of "Good Student" responses among drug users remains the same.

In 1990, almost all categories of respondents reported that 50% of them lived with both parents. In almost all categories that percentage has fallen. While non-users report a higher percentage, users report only one third live with both parents.

Students who report using drugs and alcohol are absent twice as frequently as non-users. While the rate of chronic absenteeism (more than ten times) has declined, the percent is still twice that of non-users. The trend for skipping school has increased for all groups of users and over three times higher than non-users. Most respondents are absent because they are ill, but there is a small but increasing number who report being absent due to drug or alcohol use.

The most definite trend in the data, shown in Tables 1-5, is the increased awareness of drug activity in schools and neighborhoods. In the past four years, almost twice as many students in all categories reported seeing drugs used and sold in school. There has also been an increase in the percentage who have seen drugs sold in neighborhoods. Half of the ninth graders who report using NO substances report knowing where to buy drugs (Table 5). The conclusion is that there has been a definite increase in drug activity in our city.

For Grade 9 drinkers, the frequency of using EVERY DAY has doubled in the last four years (almost one fifth of students who report using drugs drink every day; and all drug users report using alcohol). The percentage who drink around school, always small, has declined. Ninth graders drink mostly beer on weekends, with friends at parties. Sixth graders drink mostly one glass of wine at mealtimes with family, though the trend for sixth graders is toward more social drinking. Most sixth and ninth grade alcohol users report taking their first drink in the fifth and eighth grade respectively. A growing percent of ninth graders who report using drugs report taking their first drink before Grade 5. Perhaps it would be wise to intensify the campaign against substance use in the elementary grades.

For drug users, Marijuana is the most frequently used drug and its use is increasing. The use of Crack Cocaine seemed to have peaked in 1993. Use typically begins in Grade 7, though the trend is earlier. Most drug use occurs on weekends with friends at parties. Of concern is the increasing frequency of use (one quarter report using drugs EVERY DAY and the rate has doubled since 1990). Also of concern is the decline in the percent of ninth graders who would like to stop using drugs. In 1990, one third said they would like to stop; in 1995, only one fifth said they would like to stop.

COMPARISONS

Tables 6 and 7 have been constructed in order to compare students who report using substances to those who do not, and Grade 9 students to Grade 6 students. For instance, non-users are much more likely to never be absent than users, and more often are absent due to illness than users.

Non-users are much less likely to smoke tobacco than alcohol users (one fourth smoke) who again are more likely than drug users, of whom more than half smoke. While not causal, tobacco use may be the "gateway" drug to other drugs, including alcohol. Would a strong campaign against CHILDHOOD smoking decrease the prevalence of involvement with other drugs?

Awareness of drug use is twice as prevalent for substance users than for non-users. Alarmingly one quarter of non-using sixth graders report knowing where to buy drugs, as do over half of the non-using ninth graders. Are drugs so available that anyone who wants to know can find out where to buy them?

Table 7 compares the drinking habits of the three groups of alcohol users; Grade 9 students, who also report using drugs, Grade 9 students, and Grade 6 students who report using alcohol. All students who report using drugs report using alcohol. In general, Grade 6 students who use alcohol seem to do so within the context of the home and family. For Grade 9 students, alcohol use has a definite social quality, and they drink more and more often.

While Grade 6 alcohol users report using wine twice as much as Grade 9 alcohol users (everyone drinks beer), the Grade 9 alcohol users are three times more likely to use liquor.

Drug users report much more drinking every day compared to the ninth grade alcohol users, more evening drinking, more likely to take six or more drinks, and more likely to connect drinking to social activities.

Table 1
Percent of Students who Report Using Drugs and Alcohol in Grade 9

Variable	1990	1991	1992	1993	1994	1995	1996
Total Respondents	1259	946	822	857	865	453	
total Using	196	101	90	114	221	100	
Percent using	14	11	11	13	26	22	
Male	49	47	53	63	52	44	
Female	51	53	47	37	48	56	
White	48	52	28	29	40	20	
Black	23	17	31	42	33	33	
Hispanic	27	20	39	21	22	38	
Asian or Other	2	10	2	8	5	9	
Good Student	25	32	20	23	27	29	
Average Student	66	57	57	63	62	61	
Poor Student	9	11	23	12	11	10	
Never Absent	16	23	26	19	15	20	
Absent 1-4 Times	54	48	41	45	46	42	
Absent 5-10 Times	19	13	17	18	20	29	
Absent More Often	11	15	16	19	19	9	
Reason: ill	43	34	31	30	42	41	
Suspended	7	8	3	9	11	7	
Skipped	18	19	20	16	26	18	
Alcohol or Drugs	1	1	5	4	4	8	
Other	9	12	12	11	11	12	
Not Answered	21	22	29	30	6	14	
Lives With Both	38	39	38	39	40	29	
Only One Parent	55	56	52	51	53	62	
Other	6	5	10	10	7	9	
STUDENT ASSISTANCE PROGRAM							
Aware of the SAP	32	44	55	47	-	-	
Used the SAP	6	5	8	11	-	-	
SAP Info Helpful	20	12	38	33	-	-	
DRUG OBSERVATIONS							
Seen Drugs Used in Sch	54	52	65	78	80	62	
Seen Drugs Sold in Sch	46	44	61	74	78	60	
Seen Sold in Neighborhd	74	62	83	81	82	88	
Knows Where to Buy	85	78	89	90	94	87	
Uses Tobacco	43	49	58	50	60	60	

[Table 1 cont.] DRINKING HABITS of DRUG USERS

First Drink in Gr. 1-4	16	25	26	19	18	18
Grade 5	13	9	17	11	9	12
Grade 6	15	15	12	16	11	17
Grade 7	32	30	27	31	27	17
Grade 8	17	17	17	18	27	14
Grade 9	7	3	2	6	8	3
Drink at Mealtimes	8	7	9	9	5	5
Weekends	71	65	73	70	61	59
Before School	6	9	17	11	5	7
During School Hours	5	12	13	12	7	6
After School	16	15	26	17	13	10
Evenings	17	26	23	21	15	18
Drinks Beer	57	57	72	61	54	46
Wine	32	19	27	25	15	27
Liquor	56	59	54	48	48	22
Other	14	13	11	10	15	5
Drinks Not Very Often	38	35	27	32	42	36
Once or Twice a Month	26	12	16	15	16	9
Once or Twice a Week	27	38	37	32	31	37
Almost Every Day	9	12	20	21	11	18
Drinks One or Two	34	22	17	35	33	45
Three to Five	36	32	43	32	38	28
Six or More	30	45	40	33	29	27
Drinks Mostly Alone	9	3	8	5	6	5
Mostly With Friends	73	81	83	76	82	81
Mostly With Family	18	16	9	19	12	14
Drinks Because Friends	10	9	11	9	10	6
Because Parents Drink	4	4	4	7	2	3
To Feel Better	20	21	19	18	10	8
For Relaxation	19	23	19	23	19	16
For Fun At Parties	53	48	61	52	50	40
With Meals	22	12	8	13	10	12
Other Reasons	14	19	25	15	20	15
Drinks around School	7	8	12	15	4	6
At Home	33	22	24	19	16	17
At a Friend's House	34	42	32	43	36	23
In Parks	16	21	27	19	18	8
At Parties	55	57	66	58	49	36
Other Places	9	10	14	12	10	10

[Table 1 cont.] DRUG USE HABITS

Used Marijuana	73	74	79	89	90	79
Pills	13	16	10	8	9	3
Crack or Cocaine	18	15	25	26	19	11
Heroin/Speed/Mescaline	25	26	24	22	24	4
Other Drugs Used	13	12	17	7	8	6
Used First Grades 1-4	9	16	13	16	6	6
Grade 5	9	12	11	6	6	14
Grade 6	7	7	14	12	3	16
Grade 7	26	25	28	20	19	22
Grade 8	21	22	23	24	32	21
Grade 9	15	16	9	21	29	11
Not Answered	13	6	3	0	5	10
Used Before School	17	12	16	10	5	5
During School Hours	10	18	13	16	5	5
After School	23	18	19	23	10	15
Evenings	13	17	23	14	8	11
Weekends	62	64	80	72	72	63
Used Not Very Often	39	47	43	39	37	32
Once or Twice a Month	13	16	14	11	15	7
Once or Twice a Week	19	15	25	26	23	26
Almost Every Day	13	17	17	24	21	28
Not Answered	16	5	2	0	4	7
Used Mostly Alone	14	12	15	9	8	7
Mostly With Friends	74	81	80	82	82	83
Mostly With Family	7	5	12	14	10	10
Used Because Friends	8	11	11	7	6	1
To Feel Better	16	17	18	16	18	4
To Get High	47	53	37	46	64	52
For Relaxation	15	22	17	29	22	23
For Fun At Parties	33	27	41	37	24	15
Other Reasons	9	14	18	12	10	4
Would Like To Stop	33	30	31	33	22	21
Would not	50	61	64	61	38	47
Not Sure					34	26
Not Answered	17	9	5	6	7	6
Used Tobacco	43	49	58	50	60	61

Table 2
Percent of Students who Report Using Alcohol in Grade 6

Variable	1990	1991	1992	1993	1994	1995	1996
Total Respondents	1419	1322	1200	1045	1331	1291	
Number Using	198	134	169	163	162	119	
Percent Using	14	10	14	16	12	9	
Male	60	59	55	59	53	46	
Female	40	41	45	41	47	54	
White	34	29	29	30	25	19	
Black	27	25	35	34	33	35	
Hispanic	37	38	34	29	38	42	
Asian or Other	2	7	2	7	5	4	
Good Student	40	31	26	23	27	33	
Average Student	56	60	64	70	69	60	
Poor Student	4	9	10	7	4	7	
Never Absent	24	36	39	25	32	26	
Absent 1-4 Times	57	49	45	51	52	51	
Absent 5-10 Times	13	10	11	12	8	15	
Absent More Often	6	5	5	12	9	8	
Reason: ill	66	60	42	57	57	49	
Suspended	3	3	6	9	7	5	
Skipped	6	8	8	7	9	9	
Alcohol or Drugs	0	2	2	0	1	4	
Other	12	8	12	11	12	12	
Not Answered	13	19	30	16	14	21	
Lives With Both	49	57	43	46	48	45	
Only One Parent	48	39	49	49	46	50	
Other	3	4	8	5	6	5	
STUDENT ASSISTANCE PROGRAM							
Aware of the SAP	31	38	53	77	-	-	
Used the SAP	8	8	10	23	-	-	
SAP Info Helpful	34	28	43	66	-	-	
DRUG OBSERVATIONS							
Seen Drugs Used in Sch	14	21	36	30	34	37	
Seen Drugs Sold in Sch	15	15	27	23	30	37	
Seen Sold in Neighborhd	59	63	71	72	63	73	
Knows Where to Buy	49	48	59	59	57	73	
Uses Tobacco	10	19	18	21	31	39	

[Table 2 cont.] DRINKING HABITS of SIXTH GRADERS

First Drink in Gr. 1	5	8	10	10	5	10
Grade 2	2	2	2	2	7	4
Grade 3	15	11	12	14	13	6
Grade 4	27	28	24	21	30	21
Grade 5	33	31	38	32	26	32
Grade 6	18	19	14	20	18	20
Drink at Mealtimes	19	12	11	20	10	6
Weekends	35	48	41	**32**	**44**	**66**
Before School	0	2	3	2	1	2
During School Hours	0	2	2	2	1	1
After School	8	8	6	6	5	**13**
Evenings	19	20	19	35	15	12
Drinks Beer	38	45	36	42	54	37
Wine	38	37	40	**53**	**36**	**30**
Liquor	8	20	15	9	9	11
Other	12	12	11	8	18	**22**
Drinks Not Very Often	**77**	**64**	**70**	**73**	**76**	**71**
Once or Twice a Month	12	16	14	17	14	10
Once or Twice a Week	8	14	10	7	8	14
Almost Every Day	4	4	6	3	3	5
Drinks One or Two	**88**	**76**	**83**	**78**	**85**	**82**
Three to Five	8	19	11	13	14	12
Six or More	4	5	6	9	1	6
Drinks Mostly Alone	6	8	10	4	10	10
Mostly With Friends	16	31	26	**23**	**30**	**36**
Mostly With Family	78	61	**64**	**63**	**60**	**54**
Drinks Because Friends	2	3	5	4	4	1
Because Parents Drink	6	5	5	4	5	4
To Feel Better	3	8	3	4	5	6
For Relaxation	3	5	5	4	5	6
For Fun At Parties	21	33	27	26	19	**30**
With Meals	51	40	47	**53**	**44**	**42**
Other Reasons	5	10	10	10	19	12
Drinks around School	1	1	1	2	0	1
At Home	**47**	**37**	**43**	**36**	**40**	**34**
At a Friend's House	6	8	6	9	12	9
In Parks	2	5	4	4	2	3
At Parties	**27**	**45**	**39**	**38**	**35**	**50**
Other Places	7	8	8	0	12	3

Table 3
Percent of Students who Report Using Alcohol in Grade 9

Variable	1990	1991	1992	1993	1994	1995	1996
Total Respondents	1259	946	822	857	965	453	
Number Using	554	330	333	273	187	140	
Percent Using	44	35	41	32	19	31	
Male	46	47	48	52	49	47	
Female	54	53	52	48	51	53	
White	48	54	38	33	27	26	
Black	21	22	30	34	29	28	
Hispanic	28	18	29	26	39	40	
Asian or Other	2	6	3	7	5	6	
Good Student	33	32	26	30	36	30	
Average Student	62	63	64	63	61	63	
Poor Student	4	4	10	7	3	7	
Never Absent	28	33	31	21	24	17	
Absent 1-4 Times	53	44	44	52	51	54	
Absent 5-10 Times	12	16	17	17	16	20	
Absent More Often	6	7	8	11	9	9	
Reason: ill	49	46	44	43	51	48	
Suspended	3	3	5	6	8	4	
Skipped	10	12	14	12	17	16	
Alcohol or Drugs	0	1	1	2	1	4	
Other	11	10	9	10	12	11	
Not Answered	27	28	27	27	11	17	
Lives With Both	48	56	51	46	48	32	
Only One Parent	48	41	44	48	48	62	
Other	4	3	5	6	4	6	
STUDENT ASSISTANCE PROGRAM							
Aware of the SAP	33	34	45	48	-	-	
Used the SAP	3	4	4	7	-	-	
SAP Info Helpful	22	21	31	37	-	-	
DRUG OBSERVATIONS							
Seen Drugs Used in Sch	45	40	51	68	63	63	
Seen Drugs Sold in Sch	35	33	47	63	63	61	
Seen Sold in Neighborhd	63	56	70	74	63	78	
Knows Where to Buy	70	66	78	84	79	84	
Uses Tobacco	25	29	27	28	23	42	

[Table 3 cont.] DRINKING HABITS of NINTH GRADERS

First Drink in Gr. 1-4	8	12	12	13	13	12
Grade 5	7	7	9	8	4	10
Grade 6	12	16	10	13	14	18
Grade 7	30	29	36	28	24	22
Grade 8	25	24	27	26	25	25
Grade 9	12	9	6	12	19	14
Drink at Mealtimes	9	7	6	7	7	2
Weekends	67	68	68	68	69	78
Before School	3	3	5	5	1	1
During School Hours	2	4	3	6	2	1
After School	9	10	13	13	10	4
Evenings	15	18	16	17	12	15
Drinks Beer	51	56	63	59	52	44
Wine	37	32	29	27	26	15
Liquor	43	44	39	40	27	34
Other	11	12	10	8	9	7
Drinks Not Very Often	54	60	53	52	67	48
Once or Twice a Month	22	17	22	18	16	1[illegible]
Once or Twice a Week	14	16	20	19	14	26
Almost Every Day	4	4	6	11	3	11
Drinks One or Two	58	51	47	57	62	54
Three to Five	26	27	35	25	27	27
Six or More	16	22	18	18	11	19
Drinks Mostly Alone	6	2	5	4	7	4
Mostly With Friends	64	72	72	73	65	71
Mostly With Family	30	26	23	23	28	25
Drinks Because Friends	8	8	7	8	4	4
Because Parents Drink	2	2	3	3	1	4
To Feel Better	10	8	10	10	6	2
For Relaxation	12	14	12	18	13	18
For Fun At Parties	46	53	51	47	40	44
With Meals	29	25	22	18	25	19
Other Reasons	15	15	1[illegible]	16	19	9
Drinks around School	3	3	4	6	1	1
At Home	31	26	24	22	26	21
At a Friend's House	29	33	31	32	33	27
In Parks	11	11	14	11	9	2
At Parties	52	56	60	55	47	42
Other Places	6	8	8	9	6	7

Table 4
Percent of Students who Report NOT using substances in Grade 6

Variable	1990	1991	1992	1993	1994	1995	1996
Total Respondents	1419	1322	1200	1045	1331	1291	
Number Reporting	1204	1098	930	882	1125	1173	
Percent Reporting	85	83	78	84	85	91	
Male	47	49	49	49	50	48	
Female	53	51	51	51	50	52	
White	40	41	42	40	33	30	
Black	27	27	27	27	25	26	
Hispanic	30	27	28	29	36	37	
Asian or Other	2	4	3	4	6	7	
Good Student	45	42	44	42	46	46	
Average Student	51	56	51	55	52	51	
Poor Student	2	2	4	3	2	3	
Never Absent	39	40	40	36	40	39	
Absent 1-4 Times	46	47	47	50	43	47	
Absent 5-10 Times	10	10	10	11	10	10	
Absent More Often	3	3	3	4	7	4	
Reason: ill	63	63	60	67	64	63	
Suspended	2	1	3	3	4	2	
Skipped	2	2	2	1	2	1	
Alcohol or Drugs	0	0	0	0	0	0	
Other	7	10	14	11	13	11	
Not Answered	26	24	22	18	17	23	
Lives With Both	58	58	60	54	58	62	
Only One Parent	38	37	37	44	38	35	
Other	3	5	3	2	4	3	
STUDENT ASSISTANCE PROGRAM							
Aware of the SAP	30	37	61	64	-	-	
Used the SAP	3	7	7	20	-	-	
SAP Info Helpful	25	32	53	61	-	-	
DRUG OBSERVATIONS							
Seen Drugs Used in Sch	4	8	17	17	20	14	
Seen Drugs Sold in Sch	4	5	10	10	18	14	
Seen Sold in Neighborhd	38	39	40	43	41	40	
Knows Where to Buy	17	21	23	28	30	23	
Uses Tobacco	1	2	3	2	3	2	

Table 5
Percent of Students who Report NOT using substances in Grade 9

Variable	1990	1991	1992	1993	1994	1995	1996
Total Respondents	**1259**	**946**	**822**	**857**	**965**	**453**	
Number Reporting	692	520	424	470	557	313	
Percent Reporting	55	55	52	55	58	69	
Male	46	47	48	49	52	44	
Female	54	53	52	51	48	56	
White	37	39	40	42	33	20	
Black	27	34	27	27	32	32	
Hispanic	29	24	29	27	28	42	
Asian or Other	3	2	4	4	6	6	
Good Student	49	44	45	41	49	45	
Average Student	49	55	51	57	48	54	
Poor Student	2	1	4	2	3	1	
Never Absent	44	45	42	34	39	34	
Absent 1-4 Times	40	42	42	52	47	47	
Absent 5-10 Times	11	10	11	10	10	15	
Absent More Often	3	3	4	4	5	4	
Reason: ill	58	57	56	63	53	55	
Suspended	1	2	2	2	5	4	
Skipped	1	3	4	4	4	4	
Alcohol or Drugs	0	0	0	0	0	0	
Other	6	9	8	7	10	12	
Not Answered	34	29	30	25	28	26	
Lives With Both	55	62	61	55	57	43	
Only One Parent	40	37	37	42	40	51	
Other	3	1	3	3	3	6	
STUDENT ASSISTANCE PROGRAM							
Aware of the SAP	24	25	48	57	-	-	
Used the SAP	2	3	4	7	-	-	
SAP Info Helpful	18	20	31	41	-	-	
DRUG OBSERVATIONS							
Seen Drugs Used in Sch	**23**	**25**	**26**	**39**	**47**	**33**	
Seen Drugs Sold in Sch	15	18	24	32	41	31	
Seen Sold in Neighborhd	**40**	**39**	**43**	**49**	**51**	**59**	
Knows Where to Buy	40	42	47	49	52	52	
Uses Tobacco	2	4	5	5	7	7	

Table 6
Student Responses in 1995

Variable	Gr9 Drug	Gr9 Al	Gr9 Non	Gr6 Al	Gr6 Non
Total Respondents	453	453	453	1291	1291
Total Reporting	100	140	313	119	1173
Percent Reporting	22	31	69	9	91
Male	44	47	44	46	48
Female	56	53	56	54	52
White	20	26	20	19	30
Black	33	28	32	35	26
Hispanic	38	40	42	42	37
Asian or Other	9	6	6	4	7
Good Student	29	30	45	33	46
Average Student	61	63	54	60	51
Poor Student	10	7	1	7	3
Never Absent	20	17	34	26	39
Absent 1-4 Times	42	54	47	51	47
Absent 5-10 Times	29	20	15	15	10
Absent More Often	9	9	4	8	4
Reason: ill	41	48	55	49	63
Suspended	7	4	4	5	2
Skipped	18	16	4	9	1
Alcohol or Drugs	8	4	0	4	0
Other	12	11	12	12	11
Not Answered	14	17	26	21	23
Lives With Both	29	32	43	45	62
Only One Parent	62	62	51	50	35
Other	9	6	6	5	3
DRUG OBSERVATIONS					
Seen Drugs Used in Sch	62	63	33	37	14
Seen Drugs Sold in Sch	60	61	31	37	14
Seen Sold in Neighborhd	88	78	59	73	40
Knows Where to Buy	87	84	52	73	23
Uses Tobacco	60	42	7	39	2

Table 7
Drinking Habits in 1995

Variable	Gr9 Drug	Gr9 Al	Gr6 Al
First Drink in Gr. 1-4	18	12	10
Grade 5	12	10	4
Grade 6	17	18	6
Grade 7	17	22	21
Grade 8	14	25	32
Grade 9	3	14	20
Drink at Mealtimes	5	2	6
Weekends	59	78	66
Before School	7	1	2
During School Hours	6	1	1
After School	10	4	13
Evenings	18	15	12
Drinks Beer	46	44	37
Wine	27	15	30
Liquor	22	34	11
Other	5	7	22
Drinks Not Very Often	36	48	71
Once or Twice a Month	9	15	10
Once or Twice a Week	37	26	14
Almost Every Day	18	11	5
Drinks One or Two	45	54	82
Three to Five	28	27	12
Six or More	27	19	6
Drinks Mostly Alone	5	4	10
Mostly With Friends	81	71	36
Mostly With Family	14	25	54
Drinks Because Friends	6	4	1
Because Parents Drink	3	4	4
To Feel Better	8	2	6
For Relaxation	16	18	6
For Fun At Parties	40	44	30
With Meals	12	19	42
Other Reasons	15	9	12
Drinks around School	6	1	1
At Home	17	21	34
At a Friend's House	23	27	9
In Parks	8	2	3
At Parties	36	42	50
Other Places	10	7	3

1994 was the first year that answer sheets were sorted by zip code so as to be able to determine substance use by neighborhood. An additional Special Codes section was also included for additional coding as needed. The results for 1995 are displayed on Table 8. Zip code 01109, which had the largest number of respondents (334), encompasses the Mason Square area and populated by a majority of African-Americans.

Zip code has 14.5% of the population. If all 1211 respondents were distributed proportionately, that zip code would have 176 respondents. The 334 were 158 more than expected, but were close to the number expected (364) if ALL sixth and ninth graders had responded to the survey. Many of the other zip codes listed are white neighborhoods and have far fewer respondents than expected supporting the finding above that many white drug and alcohol users are not responding to the survey.

Table 8
Drug and Alcohol Users by Zip Code

Zip	Freq	Neighborhood(s)	Pcnt	Prop	Diff	If All
01109	334	Hills, McK, Bay	14.5	176	158	364
01108	193	For Park, Six C	20.4	247	-54	512
01104	143	E Spr, Lib Hts	15.3	185	-42	384
01107	137	Mem Sq, Bright	6.8	82	55	171
01105	126	South End	3.3	40	86	83
01118	67	E Forest Park	7.3	88	-21	183
01151	63	Indian Orchard	5.4	65	-2	136
01119	57	Boston Rd, Pine	8.3	101	-44	209
01128/9	79	Sixteen Acres	15.2	185	-106	382
01103	12	Metro Center	3.5	42	-30	87
Total	1211			1211		
No Ans	535					
Grand	1746					2511